

STATE OF NORTH CAROLINA  
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
DIVISION OF WASTE MANAGEMENT


**PERMIT TO OPERATE A SEPTAGE LAND  
APPLICATION SITE**

Myers Septic Tank Company, Inc.  
Benny D. Myers  
1882 Briggs Road  
Salisbury, NC 28147

is hereby issued a permit to operate Septage Land Application Site with permit #SLAS-80-01 located on SR#1728 in Rowan County in approximate position 35.67591° N latitude and -80.58016° W longitude. The site is to be operated in accordance with 15A NCAC 13B .0800 Septage Management, the information stated in the approved application, and the conditions of this permit. The unauthorized disposal of any liquid or solid wastes other than those specified in the conditions of this permit will be considered a violation of the conditions of this permit. Failure to comply with the conditions of this permit may result in permit suspension, permit revocation, action for injunctive relief, administrative penalties, or other remedies as provided in G.S. 130A, Article 1., Part 2.

This permit shall be reviewed annually to determine if soil test results and management activities are in compliance with the Septage Management Rules and the conditions of this permit. Modifications, where necessary, shall be made in accordance with rules in affect at the time of review.

Date Issued 6/9/11

  
\_\_\_\_\_  
Michael E. Scott, Chief  
Solid Waste Section

**Permit Conditions:**

1. This permit shall become voidable if the soils fail to adequately assimilate the septage and shall be rescinded unless the site is maintained and operated in a manner which will protect the assigned water quality standards of the surface waters and ground waters.
2. This site shall be operated and maintained in accordance with the nutrient management plan submitted by Benny Myers and approved by the Division. The 6.4 acres are divided into field 1 (4.3 acres) and field 2 (2.1 acres). Both fields shall remain in fescue and bermuda. The crop on each field shall be cut for hay in the boot to early head stage (approximately May) and may be harvested again 4 to 6 weeks later and a third time between September and November of each year. The 30 day waiting period between the last application of septage and the harvest of a crop shall be met by alternating septage applications, the waiting period and the harvest between the two fields on the site. All discharges shall be at locations on the site consistent with the crop rotation in the approved plan.
3. This site shall be operated and maintained in accordance with the erosion and runoff control plan submitted by Benny Myers and approved by the Division. A 50 foot buffer of fescue and Bermuda shall be maintained around the perimeter of the site. Any site improvements noted in the plan must be installed within 30 days of plan approval. The site shall be operated and erosion and runoff control measures maintained in such a manner as to prevent migration of wastes off of the designated waste receiving site. The installation of groundwater monitoring wells may be required.
4. The issuance of this permit does not preclude the Permittee from complying with any and all statutes, rules, regulations, or ordinances which may be imposed by other government agencies (local, state and federal) which have jurisdiction. It is the responsibility of the permittee to be in compliance with the requirements of 40 CFR 503.
5. This permit may be modified or reissued to incorporate any conditions, limitations and monitoring requirements of the Division of Waste Management deems necessary to adequately protect the environment and public health.
6. **This site is only permitted for the land application of domestic septage (including portable toilet waste) and grease septage.** Domestic septage pH shall be raised to 12 or higher by alkali addition and, without the addition of additional alkali, shall remain at 12 or higher for 30 minutes prior to land application. Grease septage or grease septage mixed with domestic septage shall be raised to pH 12 or higher by alkali addition and, without the addition of additional alkali, shall remain at 12 or higher for 2 hours prior to land application. **The land application of commercial/industrial septage shall only occur after a waste analysis has been performed and approval has been granted by the Division of Waste Management.**
7. **This site contains approximately 6.4 acres that are available for septage land application.** The maximum annual application rate shall be 50,000 gallons per acre per year, for a total maximum annual application rate of 320,000 gallons. This application rate assumes equal septage distribution, on an annual basis, over the permitted area. Monthly septage applications shall not exceed the monthly relative application rates given in the approved nutrient management plan for the site.
8. An approved above ground septage detention system with a minimum design capacity of 6,153 gallons shall be available prior to operation of this site unless an approved wastewater treatment plant is available for use during periods of adverse weather. The storage capacity may be adjusted if it is demonstrated during the operation of the site that this volume of storage is inappropriate.

Operator: Benny D. Myers  
SLAS: 80-01  
County: Rowan

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9. Only the area designated on the attached site map(s) shall be utilized for septage disposal. Each load of septage discharged at the site shall be distributed from a moving vehicle in such a manner as to have no standing water when the discharge is complete. Septage shall not be applied during periods of high soil moisture.
10. This permit shall become voidable unless the land application activities are carried out in accordance with the conditions of this permit and in the manner approved by this Division. No one other than the permittee shall discharge septage at this site without prior appropriate notification and written approval of the Division of Waste Management.
11. Prior to any transfer of this land, a notice shall be given to the new owner that gives full details of the materials applied or incorporated at this site. The Division shall be notified prior to site closure.
12. **This permit shall expire on August 1, 2015.** Modifications, when necessary, shall be made in accordance with the rules in effect at the time of renewal. An application for permit renewal shall be submitted at least ninety (90) days prior to the permit renewal date. A septage application log for the period of time this permit was valid shall be submitted along with an application for permit renewal or modification. The information required in the log is described in Rule 15A NCAC 13B .0838(e)(1) of the NC Septage Management Rules and 40 CFR Part 503.17(b) of the Federal Register. This permit is non-transferable.
13. Records shall be kept in accordance with 40 CFR 503.17(b). These records shall be made available to a representative of the Division of Waste Management upon request.
14. Any duly authorized officer, employee, or representative of the Division of Waste Management may, upon presentation of credentials, enter and inspect any property, premises, or place on or related to the disposal site and facility at any reasonable time for the purpose of determining compliance with this permit; may inspect or copy any records that must be kept under the conditions of this permit; or may obtain samples of groundwater, surface water, or leachate.
15. Field separations in the nutrient management plan and all pertinent setbacks shall be clearly located on the site.
16. The areas which can be used for land application of septage shall be maintained at least 500 feet from any existing wells, residences, places of business, or places of public assembly. Septage shall not be disposed of within 50 feet of any property line or within 100 feet of any ditch.



North Carolina Department of Environment and Natural Resources

Division of Waste Management

Beverly Eaves Perdue  
Governor

Dexter R. Matthews  
Director

Dee Freeman  
Secretary

June 9, 2011

Mr. Benny D. Myers  
Myers Septic Tank Company, Inc.  
1882 Briggs Road  
Salisbury, NC 28147

**RE: SLAS permit modification  
Myers Septic Tank Company, Inc.  
SLAS-80-01  
SR#1728 in Rowan County**

Dear Mr. Myers:

The NC Division of Waste Management has reviewed your application to modify a Septage Land Application Site permit in Rowan County. **This modification includes bermuda with fescue as the approved crop for this site per the nutrient management plan.** Your application has been approved and your permit, # SLAS-80-01, is enclosed. If you have any questions about your permit, we'll need the number in order to answer your questions.

Please read all of your permit conditions carefully. Your nutrient management and soil erosion and runoff control plans have been included in your permit's conditions. In particular, review Permit Condition 12, which states that you will need to submit septage application logs for your site in order to renew your permit. These logs need to cover the entire time your current permit is valid. For details on the information you should include, consult the NC Septage Management Rule 15A NCAC 13B .0838(e)(1) and the Federal register's 40CFR Part 503.17(b). This permit condition also states that this permit is valid until August 1, 2015. If you have any questions, please ask for assistance as rule violations could expose you to administrative penalties.

Please note that to land apply industrial or commercial septage at a permitted septage disposal site you must have prior approval from the NC Division of Waste Management. The waste must be sampled prior to being removed from the system. Generally, the Division will request that you have a waste analysis run on septage from each commercial or industrial septage generator before that type of septage is approved for land application. Permit Condition 6 states that commercial/industrial septage shall only be land applied after the waste from each source is tested and the results approved by the Solid Waste Section.

Use of a land application site or septage detention or treatment facility that is not permitted may result in administrative penalties up to \$15,000 per violation in accordance with NC General Statute 130A-22.

If you have any questions, please contact me at (910) 433-3352 or Michael Scott at (919) 508-8497.

Sincerely,

Connie Wylie, Soil Scientist  
Composting & Land Application Branch

Enclosures

cc:

Ellen Myers, landowner  
Rowan County Health Department

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## APPLICATION FOR A PERMIT TO OPERATE A SEPTAGE LAND APPLICATION SITE

North Carolina Department of Environment and Natural Resources  
Division of Waste Management - Solid Waste Section  
401 Oberlin Rd., Ste. 150, Raleigh, N.C. 27605



## I. Site and Operator Information

## 1. Applicant

Address

Myers Septic Tank Company, Inc.1882 Briggs Rd.Salisbury, NC 28147

Phone

704-633-3962

## 2. Contact person for site operation (if different from applicant):

Title or position

Phone

Address

## 3. Landowner

Address

Benny Myers1882 Briggs Rd.Salisbury, NC 28147

## 4. Site Location:

County RowanState Road Number off # 1278Directions to site: I-85 - Take Alexander Blvd. exit - take Take Alex.to Hwy 150 TLE on Hwy 150 - go approx. 6 miles TLE on Briggs Rd.go approx 1.5 miles site on right behind mobile homes5. Indicate whether request is: new \_\_\_\_\_ renewal \_\_\_\_\_ modification ✓

For a permit renewal or modification, provide the following information:

Existing site permit number: SLAS 80-01 permit expiration date: August 1, 2015

## 6. Number of acres meeting the requirements of the N.C. Septage Management Rules:

acres.

6.4

## 7. Substances other than septage or grease trap pumpings previously disposed of on the site:

(a) None ✓ or (b) Attach a list indicating other substances, the amounts discharged, and the dates of discharge.

## 8. Attach written, notarized landowner authorization to operate a septage disposal site signed by the landowner (if the permit applicant does not own the property). If a corporation owns the land use a corporate landowner authorization form. If limited liability company owns the land, use a limited liability company landowner authorization form.

## 9. Attach site evaluation report, including aerial photograph and soil analysis with metals results, unless the Division prepared the report.

## 10. Attach a vicinity map (county road map showing site location).

(over)

## II. Site Management Information:

The following information shall be included with the application form:

1. Nutrient Management Plan
2. Soil Erosion and Runoff Control Plan
3. Alternative plan for disposal (detention facility permit number or wastewater treatment plant authorization): SDTF 80-02, City of Salisbury Wastewater Treatment Center
4. Types of septage proposed to be discharged at the site (check all that apply): Town Creek
  - (a) Domestic septage pumped from septic tanks ☒
  - (b) Grease trap pumpings ☒
  - (c) Portable toilet waste ☒
  - (d) Commercial / Industrial septage ☒
5. Proposed treatment method of each type of septage to be land applied (use additional paper to explain if necessary): up to 12ph for 1 hour for septage & up to 12ph for 2 hours for grease (lime stabilization) - All waste shall be at pH 12 for land application to occur.
6. Proposed method of applying septage to land, including septage distribution plan if required \* (use additional paper to explain if necessary): A spreader to the 6" valve on back of truck. Truck shall be in motion for discharge to begin
7. Demonstration from the appropriate state or federal government agency that the land application site complies with the Endangered Species Law \*\* or if any part of the site specified is not agricultural land (use additional paper to explain if necessary): Existing site is considered agricultural land and is not considered potential habitat.

## III. Certification

I hereby certify that:

1. The information provided on this application is true, complete, and correct to the best of my knowledge.
2. I have read and understand the N.C. Septage Management Rules, and
3. I am aware of the potential consequences, including penalties and permit revocation, for failing to follow all applicable rules and the conditions of a Septage Land Application Site permit.

Benny D. Myers  
Signature\*\*\*

5/23/11  
Date

BENNY D MYERS  
Print name

President  
Title

Note: This application will not be reviewed until all parts of the application are complete.

\* Refer to Section .0821(e) of the N.C. Septage Management Rules.

\*\* Refer to Section .0821(g) of the N.C. Septage Management Rules.

\*\*\*Signature of company official required.

NUTRIENT MANAGEMENT PLAN FOR  
SEPTAGE APPLICATIONS TO TALL FESCUE  
Benny Myers – Site 7-01



Fescue

A. General Information

1. Periodic sampling of the septage for waste analysis is suggested.
2. Field #1 contains approximately ~~4.5~~<sup>4.3</sup> acres and Field #2 contains approximately ~~1.7~~<sup>2.1</sup> acres.
3. The dominant soil series at this site are Hiwassee and Mecklenburg according to Natural Resources Conservation Service, soil maps.
4. Septage will not be applied where the site is untrafficable. (Untrafficable is defined as soil that will allow a loaded truck to leave a depression in sod greater than 3 inches in depth).
5. All nitrogen recommendations for forages will be 75% of the realistic yield expectation nitrogen rate should the forage be only grazed.
6. Septage storage shall be provided to account for the average volume of septage pumped per week, or an alternative plan, such as disposal at a waste treatment plant, should be in place.

B. Crops to be grown and approximate planting times:

1. Fescue and bermudagrass were previously established at the site.

C. Nitrogen needs for crops grown:

R.Y.E. = Realistic Yield Expectations


N App. Rate + Suggested N application rate based on R.Y.E. for soil type.

Crop (cut for hay)	R.Y.E.	N App. Rate	lbs. N/Acre
Tall fescue & bermudagrass	3.3 tons/acre x	45 lbs. N/dry ton =	148.5

Crop (grazed)	R.Y.E.	N App. Rate	Reduction Factor	lbs. N/acre
Tall fescue & bermudagrass	3.3 tons/acre x	45 lbs. N/dry ton x 0.75 =		111.4



D. Relative application rate for Field #1 and #2:



Month	Field	
	#1	#2
January	Low	Low
February	Medium	Medium
March	High	High
April	High	High
May	Medium	Medium
June	Medium	Medium
July	Medium	Medium
August	Medium	Medium
September	Medium	Medium
October	Medium	Medium
November	Medium	Medium
December	Low	Low

None = 0 gallons; Low = 5,000 gallons  
Medium = 10,000 gallons; High = 15,000 gallons

NOTE: Cumulative application rate is not to exceed the permitted application rate.

E. Application Method

The preceding information is based on septage being evenly applied over the entire permitted site by splash plate on truck.

F. Additional Fertility Requirements

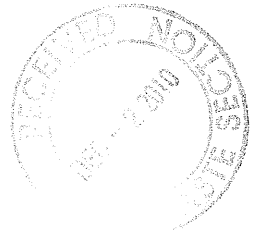
Lime should be applied to the site and buffer areas based on soil test recommendations, or at a rate of 2 tons per acre every four years.

The buffer areas should be fertilized based on soil test results or with annual applications with 500 lbs/acre of 19-19-19 N-P-K fertilizer to maintain production.

G. Harvest of the crops and their use:

1. The fescue and bermudagrass will be cut for hay in the boot to early head stage in the spring (usually in May) and may again be harvested 4 to 6 weeks later if weather conditions allow for second cutting growth. Harvest of fall growth may be done, as condition and growth allow, during the period of September – November.

2. A 30- day waiting period must be observed between the last application of septage and harvest. After an additional 30 days, application may be rotated between Field #1 and #2 to meet this waiting period requirement during harvest periods.
3. The hay may be fed to beef cattle and horses.



H. Field Rotation:

Jan. – March	Apply to both fields weather permitting
April -	Field 1 undisturbed
	Field 2 apply septage
May -	Field 1 cut & harvest
	Field 2 apply septage
June -	Field 1 apply septage
	Field 2 undisturbed
July -	Field 1 apply septage
	Field 2 cut & harvest
August -	Field 1 undisturbed
	Field 2 apply septage
Sept. -	Field 1 cut & harvest
	Field 2 apply septage
Oct -	Field 1 apply septage
	Field 2 undisturbed
Nov. -	Field 1 apply septage
	Field 2 cut & harvest
Dec. -	Apply to both fields weather permitting

This rotation may vary a week or two depending on the winter weather. We also empty into permitted holding tanks at that disposal site or at approved WWTP in Salisbury.

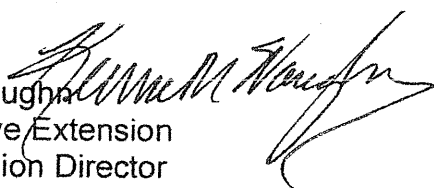
### SOIL EROSION AND RUNOFF CONTROL PLAN

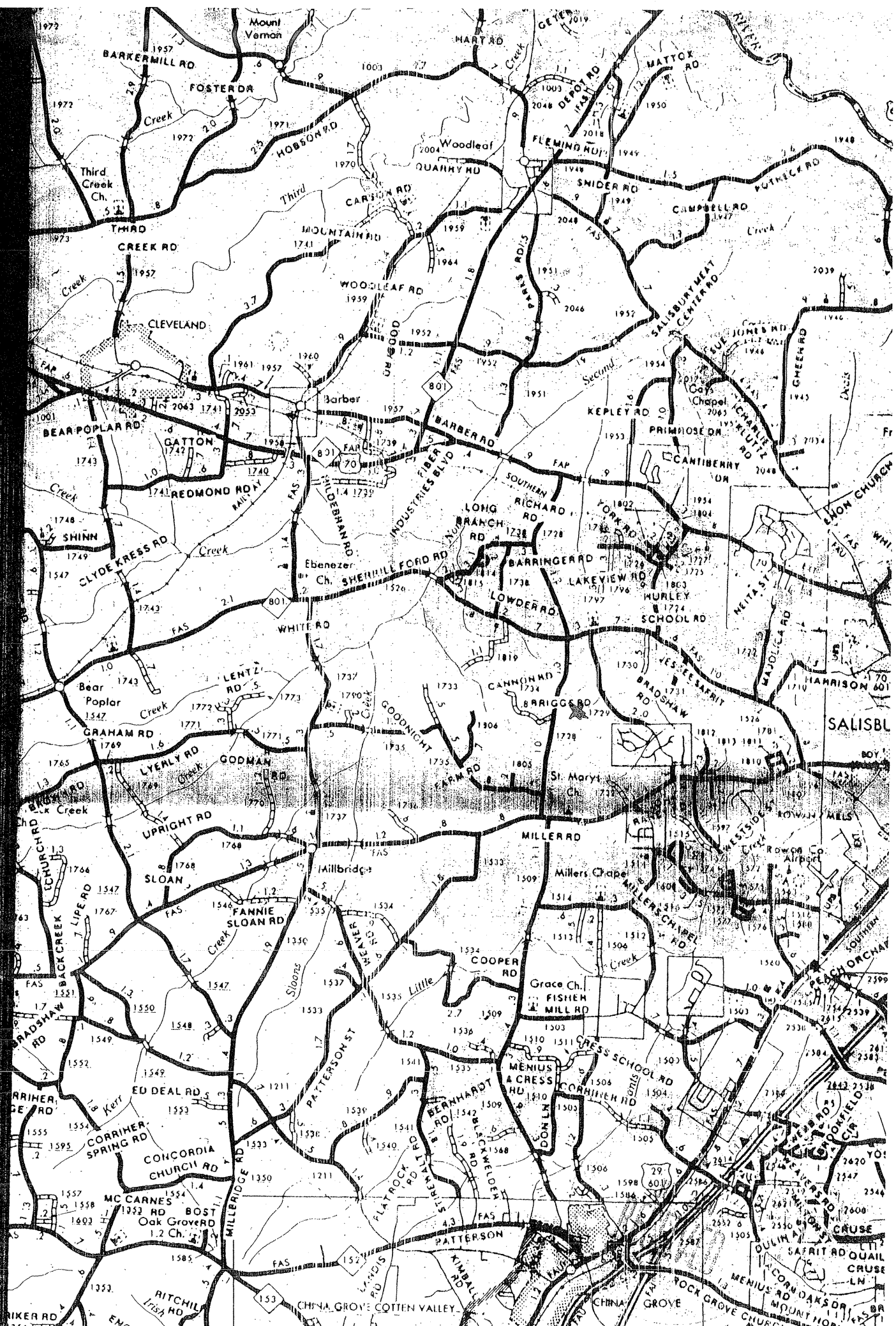
Buffer areas defined in the previous plan should be maintained in fescue and bermudagrass by following soil test recommendations for lime and fertilizer.

Submitted by: Myers Septic Tank Company, Inc.  
Benny P. Myers  
Site Operator

Date: November 16, 2010

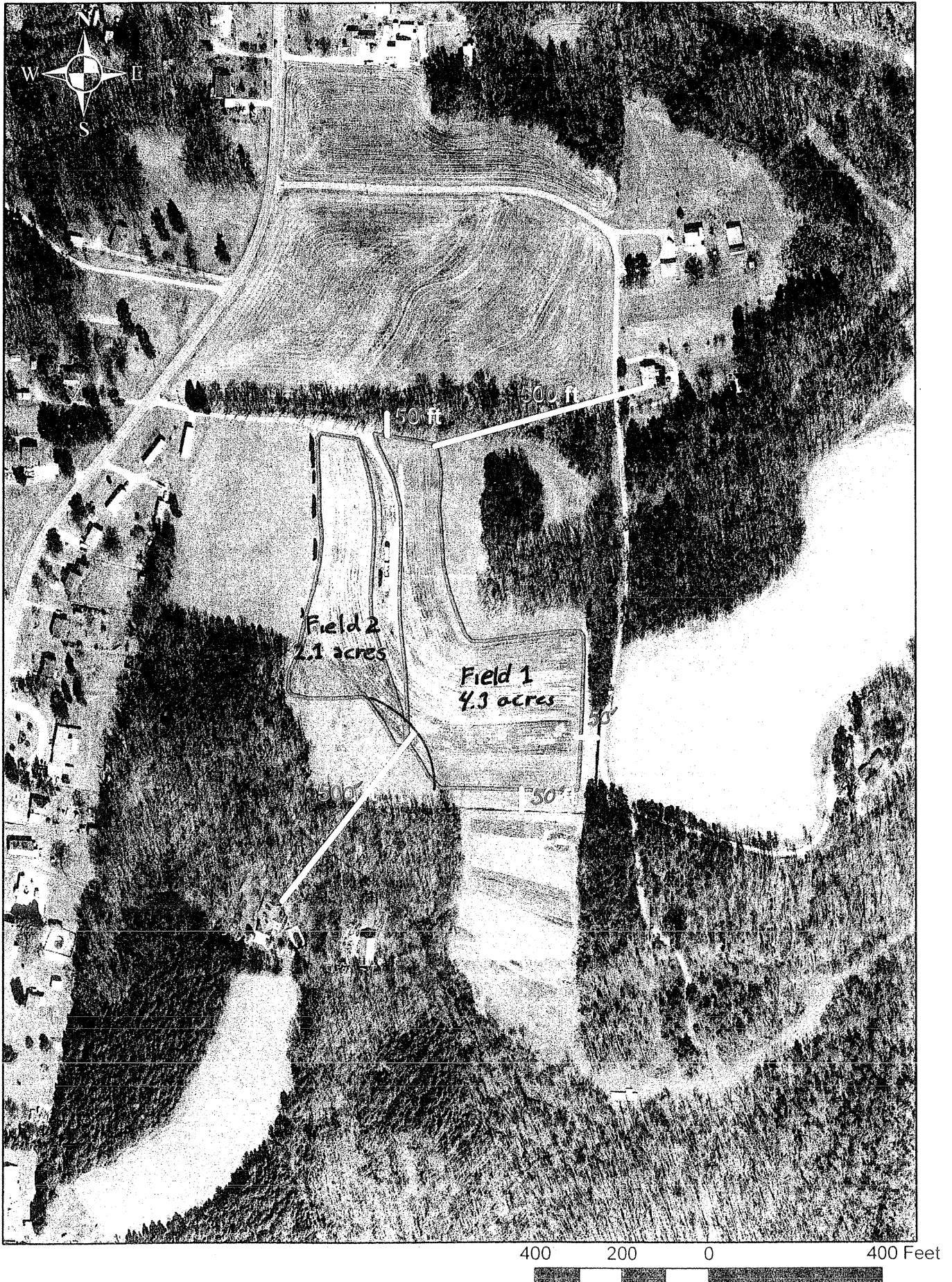
Plan prepared by: Kenneth E. Vaughn  
NC Cooperative Extension  
County Extension Director  
Address PO Box 311  
Statesville NC 28687-0311  
Phone: 704-878-3165

  
Date: November 16, 2010



# SLAS-80-01

35.67591° N latitude  
-80.58016° W longitude



Aerial Source: NC One Map ([www.nconemap.com](http://www.nconemap.com))

Spatial Data Consultants, Inc., 2006, 200' Digital Orthophotography - Rowan County, NC.

Map created by NC DENR Division of Water Management for Consent & Land Application Research from permitting purposes only.